

IN THE CLAIMS:

The status of each claim that has been introduced in the above-referenced application is identified in the ensuing listing of the claims. This listing of the claims replaces all previously submitted claims listings.

1-22. (canceled)

23. (Currently amended) A method for assembling semiconductor devices, comprising:
providing a first semiconductor device;
placing discrete conductive elements over portions of saidthe first semiconductor device; and
positioning a second semiconductor device at least partially over saidthe first semiconductor device, a back side of saidthe second semiconductor device contacting at least some of saidthe discrete conductive elements and being ~~stably~~ supported collectively thereby, saidthe back side and saidthe at least some of saidthe discrete conductive elements being electrically isolated from each other.

24. (Currently amended) The method of claim 23, wherein saidthe positioning saidthe second semiconductor device comprises positioning saidthe second semiconductor device on saidthe at least some of saidthe discrete conductive elements with saidthe back side and saidthe discrete conductive elements in mutual electrical isolation.

25. (Currently amended) The method of claim 24, further comprising:
providing a dielectric coating on at least portions of saidthe discrete conductive elements.

26. (Currently amended) The method of claim 25, wherein saidthe providing comprises forming at least one of a dielectric oxide and a dielectric polymer coating on saidthe at least portions of saidthe discrete conductive elements.

27. (Currently amended) The method of claim 24, wherein saidthe positioning comprises positioning a dielectric layer on at least portions of saidthe back side thereof.

28. (canceled)

29. (Currently amended) The method of claim 23, further comprising: applying a quantity of adhesive material to at least an active surface of saidthe first semiconductor device.

30. (Currently amended) The method of claim 29, further comprising: drawing saidthe second semiconductor device toward saidthe first semiconductor device.

31. (Currently amended) The method of claim 30, wherein saidthe drawing is effected by at least one of capillary action of saidthe adhesive material, curing of saidthe adhesive material, application of heat to saidthe adhesive material, and vibration of saidthe adhesive material.

32. (Currently amended) The method of claim 29, wherein saidthe applying includes applying saidthe quantity of adhesive material to saidthe back side of saidthe second semiconductor device.

33. (Currently amended) The method of claim 29, wherein saidthe applying is effected after saidthe positioning saidthe second semiconductor device.

34. (Currently amended) The method of claim 33, further comprising: drawing saidthe second semiconductor device toward saidthe first semiconductor device.

35. (Currently amended) The method of claim 34, wherein saidthe drawing is effected during curing of saidthe adhesive material.

36. (Currently amended) The method of claim 29, wherein saidthe applying is effected before saidthe positioning saidthe second semiconductor device.

37. (Currently amended) The method of claim 36, further comprising: biasing at least one of saidthe first and second semiconductor devices toward the other of saidthe first and second semiconductor devices.

38. (Currently amended) The method of claim 37, further comprising: controlling saidthe biasing.

39. (Currently amended) The method of claim 38, wherein saidthe controlling saidthe biasing comprises controlling biasing force to a level insufficient to deform, kink, bend, or collapse saidthe discrete conductive elements.

40. (Currently amended) The method of claim 23, further comprising: securing saidthe first semiconductor device and a substrate to one another.

41. (Currently amended) The method of claim 40, wherein saidthe placing discrete conductive elements comprises securing saidthe discrete conductive elements to contact areas of saidthe substrate and bond pads of saidthe first semiconductor device.

42. (Currently amended) The method of claim 41, wherein saidthe securing comprises electrically connecting bond pads of saidthe second semiconductor device to corresponding contact areas of saidthe substrate.

43. (Currently amended) The method of claim 42, further comprising: encapsulating at least a portion of at least one of saidthe substrate, saidthe first semiconductor device, and saidthe second semiconductor device.

44. (Currently amended) The method of claim 42, further comprising: forming external conductive elements on saidthe substrate in electrical communication with saidthe corresponding contact areas.

45. (Currently amended) A method for assembling semiconductor devices in a stacked arrangement with the stacked arrangement having a height substantially equal to combined thicknesses of each of the semiconductor devices and distances discrete conductive elements associated therewith protrude above saidthe each of the semiconductor devices, comprising:
providing a first semiconductor device with discrete conductive elements protruding from an active surface thereof; and
positioning a second semiconductor device at least partially over saidthe first semiconductor device and on at least some discrete conductive elements of saidthe discrete conductive elements such that saidthe second semiconductor device is stably-supported collectively by saidthe at least some discrete conductive elements and saidthe back side and saidthe at least some said discrete conductive elements are electrically isolated from each other.

46. (Currently amended) The method of claim 45, wherein saidthe positioning comprises positioning saidthe second semiconductor device on saidthe at least some of saidthe discrete conductive elements with a back side of saidthe second semiconductor device electrically isolated from saidthe discrete conductive elements.

47. (Currently amended) The method of claim 46, further comprising: providing a dielectric coating on at least portions of said the at least some of said the discrete conductive elements.

48. (Currently amended) The method of claim 46, wherein said the positioning comprises positioning a second semiconductor device that includes a dielectric coating on at least portions of said the back side thereof.

49. (Currently amended) The method of claim 45, further comprising: applying a quantity of adhesive material at least to said the active surface of said the first semiconductor device.

50. (Currently amended) The method of claim 49, further comprising: drawing said the second semiconductor device toward said the first semiconductor device.

51. (Currently amended) The method of claim 50, wherein said the drawing is effected by at least one of capillary action of said the adhesive material, curing of said the adhesive material, application of heat to said the adhesive material, and vibration of said the adhesive material.

52. (Currently amended) The method of claim 49, wherein said the applying is effected before said the positioning.

53. (Currently amended) The method of claim 49, wherein said the applying is effected after said the positioning.

54. (Currently amended) The method of claim 53, further comprising: drawing said the second semiconductor device toward said the first semiconductor device.

55. (Currently amended) The method of claim 54, wherein saidthe drawing is effected during curing of saidthe adhesive material.

56. (Currently amended) The method of claim 49, further comprising: biasing at least one of saidthe first and second semiconductor devices toward the other of saidthe first and second semiconductor devices.

57. (Currently amended) The method of claim 56, further comprising: controlling saidthe biasing.

58. (Currently amended) The method of claim 57, wherein saidthe controlling saidthe biasing comprises controlling biasing force to a level insufficient to deform, kink, bend, or collapse saidthe discrete conductive elements.

59. (Currently amended) The method of claim 45, further comprising: positioning saidthe first semiconductor device relative to a substrate.

60. (Currently amended) The method of claim 59, further comprising: connecting saidthe discrete conductive elements to corresponding contact areas of saidthe substrate.

61. (Currently amended) The method of claim 59, further comprising: establishing electrical communication between bond pads of saidthe second semiconductor device and corresponding contact areas of saidthe substrate.

62. (Currently amended) The method of claim 61, wherein saidthe establishing communication comprises:

placing additional discrete conductive elements between each of saidthe bond pads and a corresponding contact area of saidthe corresponding contact areas.

63. (Currently amended) The method of claim 46, further comprising: providing at least one external connective element in communication with at least one bond pad of each of saidthe first and second semiconductor devices.

64. (Currently amended) The method of claim 63, further comprising: encapsulating at least portions of saidthe first and second semiconductor devices.

65-69. (canceled)